

S/N 10/822,867

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Samuel, et al.	Examiner:	Taylor V. Oh
Serial No.:	10/822,867	Group Art Unit:	1625
Filed:	April 13, 2004	Docket No.:	14640.1USW1
Customer No.:	23552	Confirmation No.:	2669
Title:	Hydroxycitric Acid Complex Metal Salts, Composition, and Methods		

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

DECLARATION UNDER 37 CFR §1.132

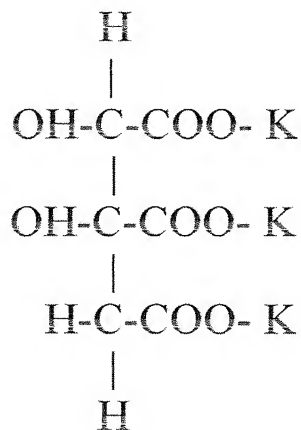
Dear Sir:

I, Philip Samuel, declare and state the following:

I am a co-inventors of the Hydroxycitric Acid Metal Salts, Composition, and Method described in the patent application identified above and an owner of Indfrag LTD, the assignee thereof.

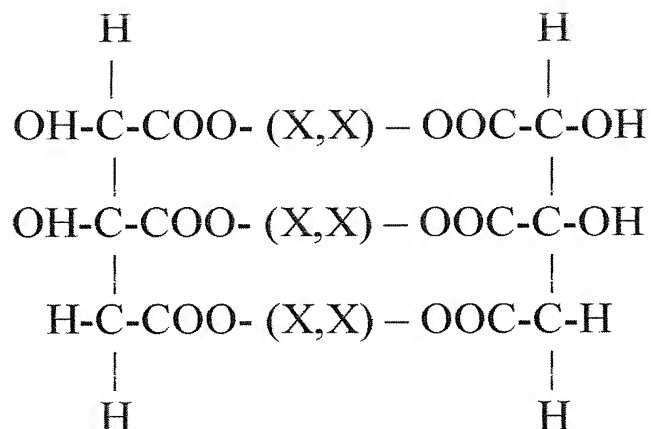
I am providing the following example in further support of patentability of the In vitro Culture System presented in the above-referenced application.

A representative structure of potassium hydroxy citrate described in the prior art is



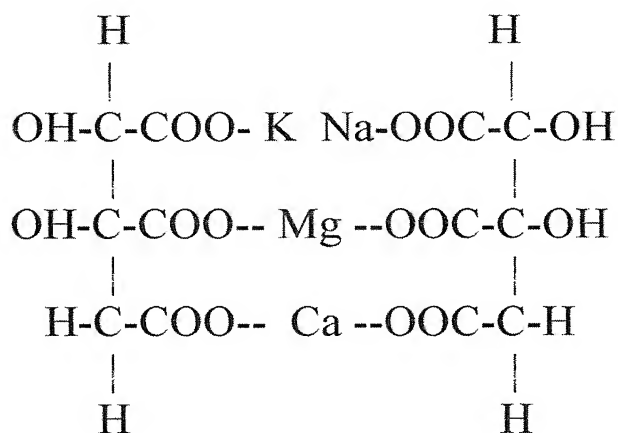
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In contrast, a general representative structure of tri- or tetra salt of HCA of the present invention is



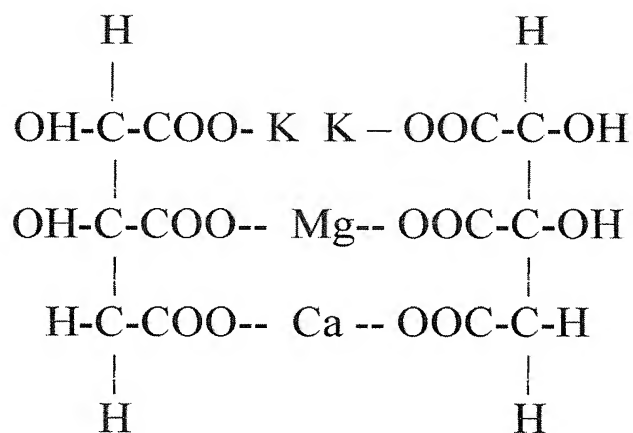
Wherein X is selected from three or four of the following: Calcium (Ca), Magnesium (Mg) or Zinc (Zn) or Potassium (K) and Sodium (Na). For example: where (X,X) = (Ca), (Mg), (Zn), (K,K), (Na, Na), (K, Na), (Ca, K), (Ca, Na), (Mg, K), (Mg, Na), (Zn, K), (Zn, Na). Additional molecules of HCA may participate where a bivalent ion, Ca, Mg, or Zn binds to a single terminal acid group.

Example : four salt of Hydroxycitric acid



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Example : triple salt of Hydroxycitric acid



We further declare that all statements made herein of our own knowledge are true, and that all statements are made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the patent application to which it relates or any patent issued thereon.

Dated: JANUARY 29, 2007

By: _____

Philip Samuel